APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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17p.
Order from ATS $18.95 ATS-24N431

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(Engineering--Electrical, TT, v. 5, no. 10)

61-12978

1. Wiring diagrams--Resonance
2. Magnetic resonance
I. Ruelle, U.
II. ATS-24N431
III. Associated Technical Services, Inc., East Orange, N. J.

158887

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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An Artificial Ear for the Calibration of Telephone Receivers, by Barlucci, V. Degano and D. Sette, 7 pp.

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SLA Tr 57-2743

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Measurements of the Time of Propagation of Time Standard Signals, by Mario Boella, Claudio Egidi.

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SCA 54-3115

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Sci - Electron
Oct 57

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An Economic Study on Availability in Automatic Telephone Exchanges, by F. Capollo, A. Banneris.

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CSIRO (B 54/1486

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Wide-Banded Diode Varactor, Frequency Modulator, by
E. DeCastro, E. Pzoni.
ITALIAN, per Alta Frequenza, Vol. 43, No. 9, 1963,
NRC/C-5368

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Mesaurements on Accustic Absorbing Structures by Resonance, by Ermenegildo Brosio, 7 pp.

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ACSI H-8762
ID 2163960

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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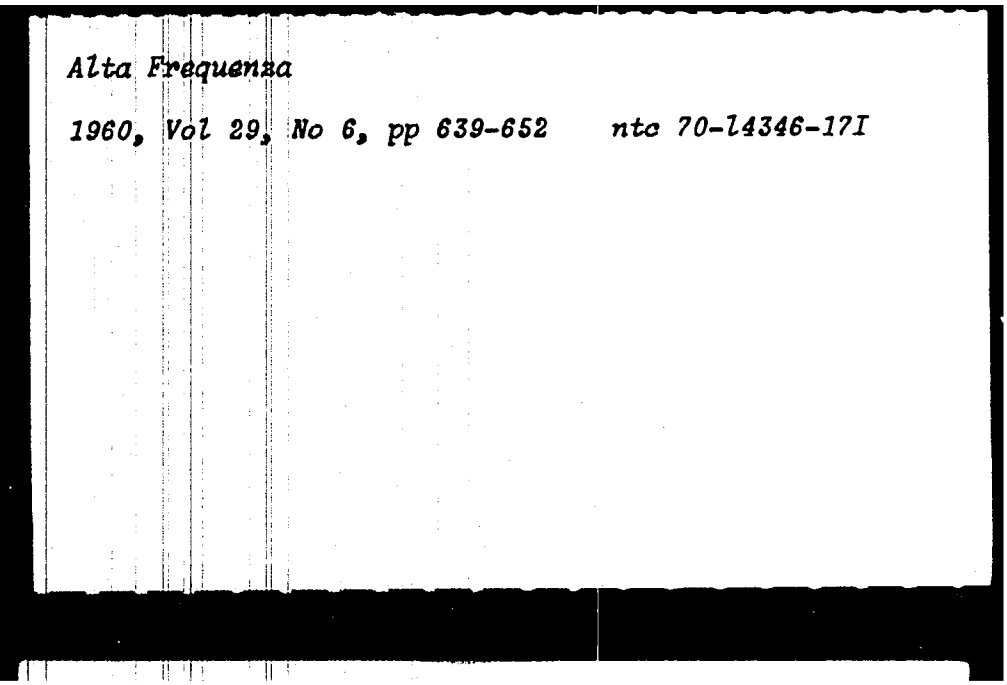

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Influence of Side-Tone on the Quality of Transimission
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Mar 63

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of C.N.E.N., by C. Mancine, F. Roncaglia.
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NTC 69-11662-09E

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Old Table Damask, by Margarete Braun-Ronsdorf.
32 pp.
GERMAN, bk, Alte Tafeldamaste, 1955.
*CFSTI TT 69-52007

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Vol XI, No 10, 1953, pp 537-552.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Prevention of Explosions of Molten Salts Which Contain Saltpeter and are Used for Annealing Metals, by Dr. W. Beck, 12 pp. UNCLASSIFIED.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Schmidt, Hans.
RECENT DEVELOPMENTS IN THE USE OF ALUMINUM. [1960] 11p. (7 figs. omitted) 13 refs.
Order from SLA m$2.40, ph$3.30 60-18746

Trans. of Aluminium (Germany) 1937. v. 19 [no. 4] p. 235-243

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(Unannotated)

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1. Aluminum--Applications.
I. Schmidt, H.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Zeerleder, A. von and Burg, E. V.
EFFECT OF PROLONGED HEATING ON A PLASTIC ALLOY OF THE CLASS Al-Mg-Si (ANTICORODAL). [1960] 2p. (6 figs. omitted).
Order from SLA mi$1.80, ph$1.80 60-18745

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(Examined)

60-18745

1. Aluminum-magnesium-silicon alloys--Heat treatment
2. Title: Plastic alloys
3. Title: Anticorodal
I. Zeerleder, A. von
II. Burg, E. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

A Method for Determining the Gas Content of Aluminum With the Vacuum Testing Apparatus of Straube-Pfeiffer, by M. Bosshard, et al, 7pp.

GERMAN, per, Aluminium, Vol XIX, 1937, p 699.

S.L.A. Tr 60

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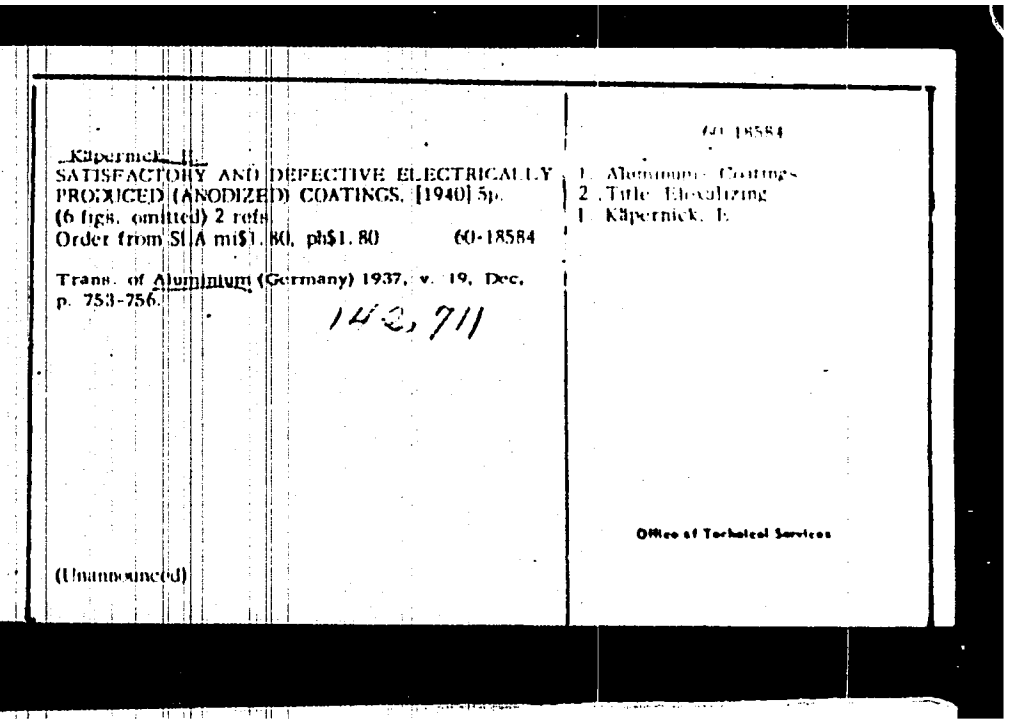
Eur - Germany
Scientific - Physics, Minerals/Metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9



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(6 figs. omitted) 2 refs.
Order from SLA mi$1.80, ph$1.80 60-18584

Trans. of Aluminium (Germany) 1937, v. 19, Dec, p. 753-756.

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1. Aluminum - Coatings
2. Title: Electrolyzing
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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Cryolite, an Important Intermediate in the Production of Aluminum, by V. H. Tuxen, 7 pp.

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SLA Tr 753/1955

Sci - Min/Met

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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SLA 59-20129

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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SLA Tr 882/1955

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

French Investigations on the Casting of Light Metal Alloys, by A. Portevin, 30 pp.

FRENCH, per, Aluminium, Vol XXI, 1939, p 183.

S.L.A. Tr No 506/1955

Sci - Minerals/Metals
Jan 1957 CTS/dem

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Evolution of Aluminum Bar Casting, by A. Zeerleder, 13 pp.

GERMAN, per, Aluminium, Vol XXI, 1939, p 192.

SLA Tr 873/1955

Sci - Min/Met

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Jul 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Czempiel, A. and Haase, C.
ON THE QUESTION OF USING AL AS A CABLE-SHEATHING MATERIAL. 14 Mar 53, 8p. (figs. tables omitted).
Order from SLA $1.10 62-18435

Trans. of Aluminium (Germany) 1939 [v. 21, no. 7] p. 521-528.

DESCRIPTORS: *Electric cables, Protective coverings, *Aluminum, Mechanical properties, Manufacturing methods.

(Metallurgy--Light Metals, TT, v. 9, no. 3)

62-18435

I. Czempiel, A.
II. Haase, C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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BLA Tr 873/1955

Sci - Min/Met

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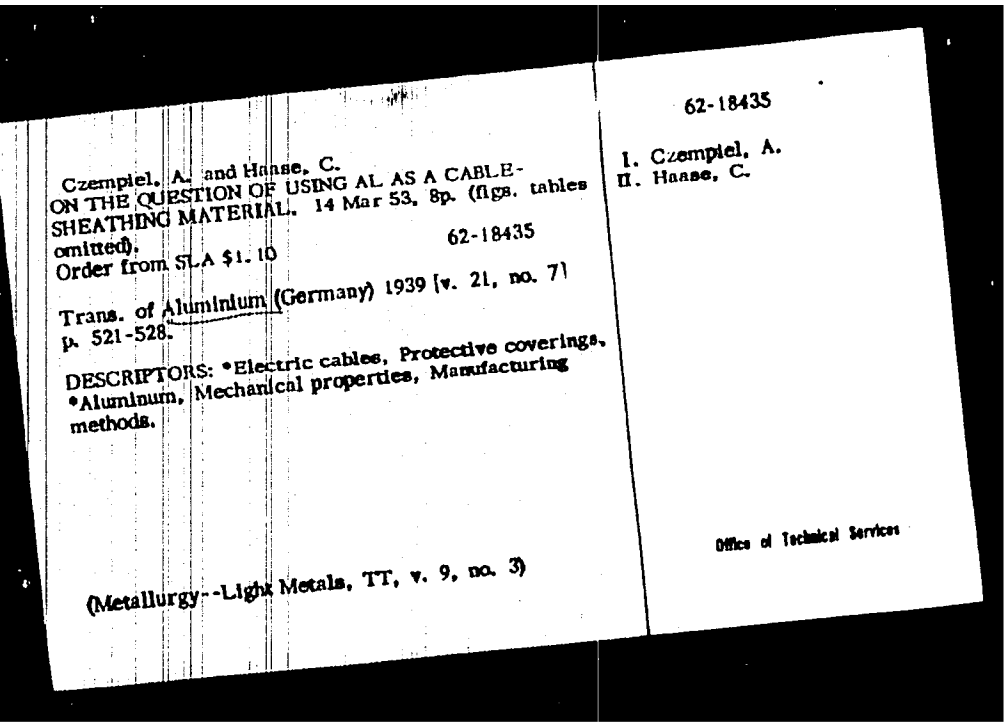
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9



Czempiel, A. and Haase, C.
ON THE QUESTION OF USING AL AS A CABLE-SHEATHING MATERIAL. 14 Mar 53. 8p. (figs. tables omitted).
Order from SLA $1.10 62-18435

Trans. of Aluminium (Germany) 1939 [v. 21, no. 7] p. 521-528.

DESCRIPTORS: *Electric cables, Protective coverings, *Aluminum, Mechanical properties, Manufacturing methods.

(Metallurgy--Light Metals, TT, v. 9, no. 3)

62-18435

I. Czempiel, A.
II. Haase, C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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On the Solubility of Hydrogen in Aluminum and Magnesium, by P. Roentgen, H. Winterhager, 7 pp.

GERMAN, per, Aluminium, Vol XXI, 1939, pp 2101-2113.

S.L.A. Tr No 565/1955

Sci - Minerals/Metals
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Experiments on the Use of Solution Spectrum Analysis for the Determination of Manganese and Magnesium in Aluminium Alloys, by R Bauer

GERMAN, per, Aluminium, Berl., Vol XXII, No 1, 1940, pp 9-12.

R.A.E., Farnborough 389

~~Eur - Germany~~

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Scientific - Min/Metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Electrical Welding of Aluminum, by W. V. Zwehl, 11 pp.

GERMAN, per: Aluminium, Vol XXII, No 5, 1940, pp 266-270.

SLA 60-1/413

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Vol III, No 11

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Spectrographic Determination of Small Amounts of Zinc in Aluminum and Its Alloys, by Günther Balz, 9 pp.

GERMAN, per, Aluminium, Vol XXII, 1940, pp 341-343.

S.L.A. Tr 20

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Ref - Germany
Scientific - Physics, Minerals/Metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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The Measurement of the Blackening of Spectral Lines with the Help of a Logarithmic Galvanometer scale, by Gunther Balz, 4 pp.

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S.L.A. Tr 19

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Eur - Germany
Scientific - Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

An automatic timer for spectrography, by Gunther Bell, 3pp.

GERMAN, Per, Aluminium, Vol XXII, pp 344.

S.L.A. Tr 18

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Ger. - Germany
Scientific - Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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GERMAN
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S.L.A. Tr 115/1956
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Scientific - Physics, Minerals/Metals.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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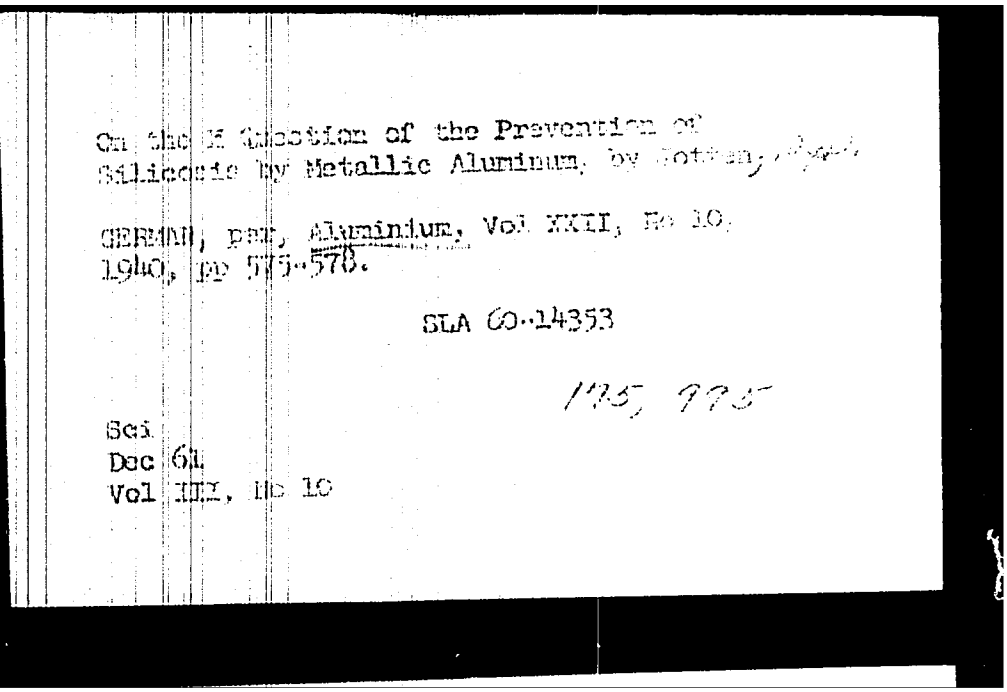

On the Question of the Prevention of Silicosis by Metallic Aluminum, by Gotten, Myers

GERMAN, per, Aluminium, Vol XXII, No 10, 1940, pp 575-578.

SLA 60-14353

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Sci
Dec 61
Vol III, No 10

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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[redacted] GERMAN, per, Aluminium, Vol XXII, No 10, 1940, pp 578-579.

SLA 60-14354

Sci
Feb 62
Vol XII, No 11

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Contribution to the Hard Chromium Plating of Aluminum and its Alloys, by A. Beerwald.

GERMAN, per,
Aluminium, Vol XXIII, 1941.

Brutcher Tr 1481

12,715

Scientific - Min/Metals $6.45

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Stability of Sodium Aluminate Solutions Between 74°C and 94°C., by G. Bauermeister, 5 pp.

GERMAN, per, Aluminium, April 1941, pp 205-208.

S.L.A. Tr 971

33,016

Sci - Metals/Minerals

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

On the Suitability of Electrolytically Polished Specimens for the Metallographic Investigation of Aluminum and Its Alloys, 10 pp, by H. Rohrig, W. Schneider,

GERMAN, per, Aluminum, Vol XXIII, No 6, Jun 1941, pp 281-284.

NACA - M-18639

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Scientific - Min/Metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Press Effect and Recrystallisation of Duralumin with Varying Manganese Content, by K. L. Dreyer, H. J. Seemann

GERMAN, Aluminium, Berlin., 23 (9), 437-445. Sep 1941.

Aluminium Laboratories, LED Tr No B-TM-80-52 OT/197

Scientific - Metallurgy

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Capitaine, H.
OPERATING EXPERIENCE WITH A NEW TYPE OF LOW FREQUENCY INDUCTION FURNACE FOR LIGHT METALS. [1962] 5p. (figs. omitted).
Order from SLA $1.10 62-18488

Trans. of reprint from Aluminum (Germany) 1942 [v. 24, no. 2] p. 69-71.

DESCRIPTORS: Furnaces, *Electric furnaces, Operation, *Induction heating, Low frequency, Smelting, *Aluminum alloys.

(Metallurgy, TT, v. 9, no. 3)

62-18488

1. Capitaine, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Concerning Several Remarkable Differences and Behaviors of the Al-Mn Alloys-Relationship to the Degree of Purity of the Base Metals, by Hans and Heunzig Wolf, Heinrich, 4 pp.

GERMAN, per, Aluminium, Vol XXIV, No 4, 1942, pp 131-140.

SLA Tr 852/1955

Sci - Min/Met

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Jul 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Determination of Oxide In Aluminum, by K. Steinhäuser.

Full translation.

GERMAN, per, Aluminium, Vol XXIV, No 5, 1942, pp 176-178.

Brutcher Tr No 2873

EEur - Germany

Scientific - Aluminum, oxide, method, chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Determination of Silicon in Silumin, by Max Geigenmuller, 4 pp.

GERMAN, per, Aluminium, Vol XXIV, 1942, p 173.

S.L.A. Tr No 195/1955

Sci - Chemistry
Jan 1957 CTS/dex

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Manganese Needles in Al-Cu-Mg Alloys, by H. Kostron, 6 pp.

GERMAN, per, Aluminium, Vol XXIV, No 6/7, 1942, pp 209-215.

SLA Tr 2298

Sci - Minerals/Metals
Sep 57

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

A Rapid Method for the Determination of Magnesium in Aluminum Alloys, A. Gotta, 7 pp.
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~~GERMAN~~, per, Aluminium, Vol XXIV, 1942, pp 267.

S.L.A. Tr 1004

Sci - Metals/Minerals 39,001

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Determination of Fluorine as Lead Chlorofluoride. by W. Kapfenberger,

GERMAN, per, Aluminium, Vol XXIV, 1942, pp 428-432,

SLA 60-16074

Spa
Pets GP

126,807

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Melting of Aluminum Alloys in Novel Low Frequency Induction Furnaces, by P. Schneider, 7 pp.

GERMAN, per, Aluminium, Vol XXV, Feb 1943, pp 62-69.

SLA 2323

Sci - Minerals/Metals
Oct 57

54,032

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Contribution to the knowledge of the Beyer process, by G. Bauermeister, W. Fulda, 6 pp.

GERMAN, per, Aluminium, 2 March 1943, pp 97-100.

S.L.A. Tr 969

Sci - Mineral/Metals 33,020

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Acceptance Testing of XXXXX Aluminum Alloys With the Electro-Inductive Testing Device of Dr. Schirp, 7 pp. by Kurt Matthaes

GERMAN, per, Aluminium, Vol XXV, 1943, pp 10-110.

AEC Tr 1775

Scientific - Minerals/Metals
CTS/DEX

10,038

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Testing of a Magnet-Inductive Tecting Device, Constructed by Dr. Schrip, For Acceptance Testing of Light Metals, by E. K. O. Schmidt, H. Muster, pp.

GERMAN, per, Aluminium, Vol XXV, 1943, pp 110-112.

AEC Tr 1774

10,036

Scientific - Minerals/Metals
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Structure Investigations in Aluminium Metallurgy, by A. Schrader, 16 pp.

GERMAN, per, Aluminium, Vol XXV, No 3, Mar 1943, pp 115-126.

SLA 58-487

Sci

Aug 59

95, 718

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Non-Destructive Testing on Electrical Basis, by F. Foerster, H. Breitfeld, 6 pp.

GERMAN, per, Aluminium, Vol XXV, 1943, pp 130-133.

AEC Tr 1765

Scientific - Minerals/Metals
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10,054

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Gahler, F.
IMPACT EXTRUSION AND COLD FORGING OF ALUMINUM IN LIGHT ENGINEERING. [1963] 22p (figs omitted)
Order from SLA $2.60 TT-64-10756

Trans. of Aluminium (Germany) 1943, v. 25 [no. 5] p. 194-202.

DESCRIPTORS: Engineering, *Aluminum, Forging, Cold working, Extrusion, Impact shock.

(Metallurgy--Light Metals, TT, v. 11, no. 11)

TT-64-10756

I. Gahler, F.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Non-Destructive Testing of Light Metals With the Aid of a Feeler Coil, by F. Foerster, H. Breitfeld, 6 pp.

GERMAN, per, Aluminium, Vol XXV, 194[illegible], pp 253-256.

AEC Tr 1782

Scientific - Minerals/Metals
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10,051

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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The Cooling of an Ingot in "Water-Casting", by Walter Roth, 19 pp.

GERMAN, per, Aluminium, Vol XXV, No 7/8, 1943, pp 283-291.

SLA 60-18825

Sci

146,114

Apr 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Grain Coarsening in Al-Cu-Mg Type Alloy Bars, by H. Unckel

GERMAN, Aluminium, Berlin., 25 (10), 342-346, Oct 1943.

Aluminium Laboratories, LTD, Tr No B-TM-82-52 OT/196

Sci. Tech.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Staab, A. and Kiby, R.
A QUICK METHOD FOR THE DETERMINATION OF ZINC IN ALUMINUM ALLOYS (Eine Schnellmethode zur Bestimmung von Zink in Aluminiumlegierungen). [1963] [8p] (foreign text included) 4refs
Order from SLA $1.10 TT-63-16611

Trans. of Aluminium (Germany) 1943, v. 25, Oct, p. 358-359.
Another trans. is available from SLA as 55-855.

(Chemistry--Analytical, TT, v. 11, no. 12)

TT-63-16611

I. Staab, A.
II. Kiby, R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Casting of Magnesium Blocks With Special Consideration of a New Cord-Casting Process With Immediate Cooling of the Liquid, by P. Menzen, W. Patterson-Rackwitz, 10 pp.

GERMAN, per, Aluminium, Vol XXV, 1943, pp 413-417.

S.L.A. 399

AEC Tr 1773

Scientific - Minerals/Metals
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10,043

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Testing of the Inductive Magnetic Test Apparatus "Durokawimeter" designed by Dr. Forster, by H. Ender, 8 pp - UNCLASSIFIED

GERMAN, per, Aluminium, Vol XIVI, 1944, pp 10-13.

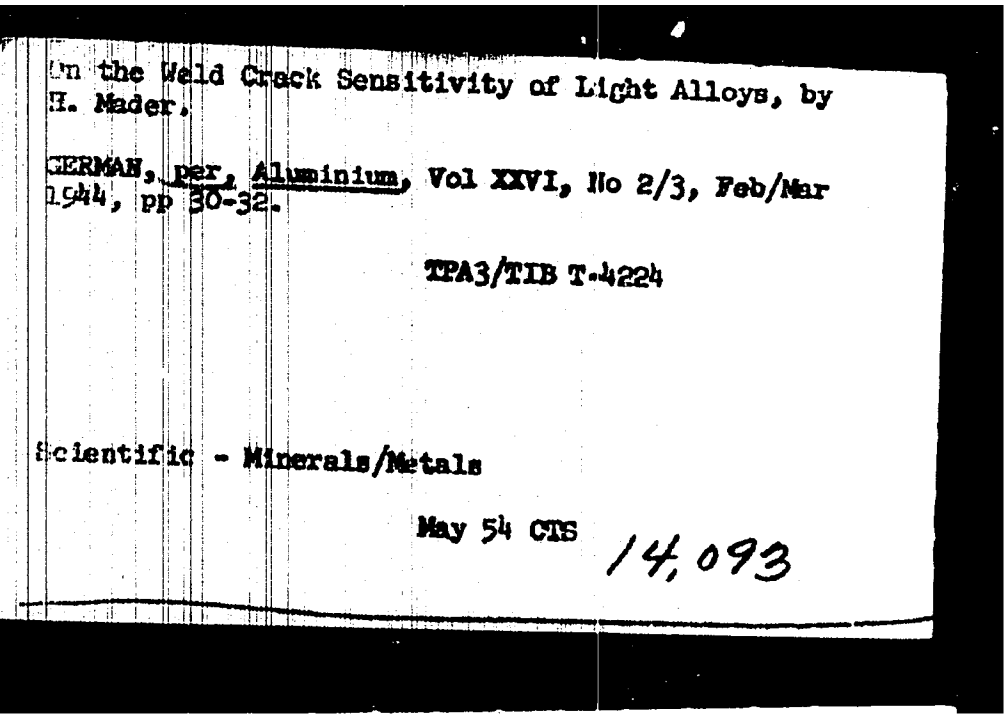
ABC Tr 1916

Scientific - Physics

15,136

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9



On the Weld Crack Sensitivity of Light Alloys, by H. Mader.

GERMAN, per, Aluminium, Vol XXVI, No 2/3, Feb/Mar 1944, pp 30-32.

TPA3/TIB T-4224

Scientific - Minerals/Metals

May 54 CTS 14,093

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Electrolytic Apparatus for Examining Fused Salts And Electrode Materials in High-pressure Gas Atmospheres, Bela Lanyi and Jozsef Jakab. Hungarian, per, Aluminum, 1951, vol.3, no. 2, pp. 25-28.
K-H-2238

SLA TT-63-20432

Chem
Aug 66

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Powdered Aluminum With High Heat Resistance, by Dr Ing. H. Irmann, 13 pp.

Full translation.

GERMAN, per. Aluminium, Fachzeitschrift der Deutschen Aluminium Industrie-Jahgang 27, No 2, Oct 1951, pp 29-36.

AMC F-TS-7871

Scientific - Minerals/metals, aluminum, metallurgy

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Determination of Sodium Content in Metallic Aluminium, by E. Papp, L. Zombory, J. Endi

HUNGARIAN, per, Aluminium, Bp, Vol XXI, No 10, Oct 1951, pp 217-220.

TPA3/TIB T 4119

8189

Scientific - Chemistry
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Anodized Aluminum, by A. Beutter.

GERMAN, per, Aluminium, Vol XXVIII, No 3, pp 78-80.

Brutcher Trans No 2948

Scientific - Metallurgy, alloys, aluminum, anodizing

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Machining of Aluminium and Aluminium Alloys, by K. Specht,

GERMAN, per, Aluminium, Dusseldorf, Vol XXVIII, No 4, April 1952, pp 112-115.

Aluminium Lab LTD B-TS-162-55
OT/1527

Sci - Minerals/Metals 30,892

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Die Stamping (Blanking) Technology, by G. Oehler, 24 pp.

GERMAN, Aper, Aluminium, Vol XXVIII, No 7/8, Jul/Aug 1952, pp 238-245.

S.L.A. Tr No 458/1955

Sci - Minerals/Metals
Jan 1957 CTB/dex

45, 836

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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GERMAN, per, Aluminium, No 12, Dec 1952, pp 268-270.

S. L. A. 20,403

Scientific - Min/Metals Dec 54 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Coefficient of Friction Between Aluminium and Various Other Metals, by H. Kostron, F. Schlabberg

GERMAN, per, Aluminium, Vol XXVIII, No 10, Oct 1952, pp 341-346.

Aluminium Laboratories, Ltd.
B-TM-119-53 CT/686

Scientific - Minerals/Metals
CTS/DEX

8885

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Ringless Aluminum Melting Induction Furnace for Power Supply Frequency, by K. H. Brockmeier, 35 pp.

GERMAN, per, Aluminum, Vol XXVIII, Nov 1952, pp 391-400.

SLA 57-3252

Sci

Aug 58

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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"Possibilities for the Development of Nonferrous Metallurgy in Hungary, by Laszlo Garay, 6 pp. UNCLASSIFIED.

HUNGARIAN, mo per, Aluminium, No 4, Budapest, Apr 1952, Encl 8 to Almlegation, Budapest, Desp No 706, 8 May 1952. State Dept

State Tr
CIA No 77475

EEur - Hungary

Economic - Metallurgy, copper, lead, zinc, manganese, titaniu, vanadium, magnesium, scrap metal.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Effect of the Alloying Constituents on the Mechanical Properties of the Heat Treatable Al-Mg-Si Type Light Alloys, by A. Benko

HUNGARIAN, per, Aluminium, Bp, Vol IV, No 5, 1952, pp 97-105.

Aluminium Laboratories, Ltd.
B-TM-118-53 OT/661

Scientific - Minerals/Metals 8884
213/DLX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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A New Method for Polishing and Etching of Metallographic Specimens of Tungsten and Molybdenum Metal, by T. Millner, L. Sass. UNCLASSIFIED.

HUNGARIAN, per, Aluminium (Budapest), Vol V, No 10, 1953, pp 214, 215.

Brutcher Tr No 3281

Scientific - Min/Metals

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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The Influence of Various Factors on Earing of Aluminium Sheet, by G. Siebel, E. Hug.

GERMAN, per, [redacted] Aluminium, Dusseldorf, Vol XXIX, Nos 1, 2, 1953, pp 51-58.

Aluminium Laboratories, Ltd
B-TM-142-54
OT/968

S.L.A. 656/105

Scientific - Min/Metals

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Kapalu-Copper - Aluminium Welding Techniques,
by A. Muhlinghaus
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1953
G.A. Trans. 1019
O.Q.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Anodized Patterns on Aluminum, by E. Herrmann, 11 pp.

Full translation.

GERMAN, per, Aluminum, Vol XXIX, No 5, May 1953, pp. 194-197.

S.L.A.

26,030

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Scientific - Minerals/Metals

Jul 55

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Grinding and Polishing of Light Metals, by
E W. Burkart, 7 pp.

GERMAN, per, Aluminium, Vol XXIX, No 5,
May 1953, pp 198-200.

S. L. A.

Scientific - Minerals/Metals CIS 68/May 55

23,641

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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The Behavior of Light Metal Alloys in Sea Water, by Reschke, 9 pp.

Full translation.

GERMAN, per, Aluminum, Vol XXIX, No 5, May 1953, pp 203-206.

S.L.A.

Scientific - Minerals/metals

27,191

Aug 55

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Machinability of Light Metals, by W. Spath.

GERMAN, per, Aluminium, Vol XXIX, No 7/8, 1953, pp 292-297.

CSIRO 4167

Sci - Min/Met
Aug 62

211,228

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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The Chlorination of Aluminum Alloys, by K. E. Mann.

GERMAN, per, Aluminum, No 7-8, Jul-Aug 1953, pp 297-298.

ASLIB-GB39

Sci

Aug 59

95, 717

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Replacement of Copper by Aluminum in Bus Conductors for Electrolytic Plants, by K. Kaizik, 7 pp.

HUNGARIAN [illegible], per, Aluminium, Vol XXIX, No 7/8, Jul/Aug 1953, pp 305-307.

34, 426 S.L.A. No 223/1956

Scientific - [illegible]
Minerals/metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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34,427 S.L.A. No 224/1956

Scientific - Minerals/metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Behaviour of Commercial Purity and High Purity Aluminum in Boiling Water. (Production of Colourless Boehmite Films. Investigation of Their Characteristics. Application for Corrosion Protection, Particularly to Prevent Blackening by Well XX Water, by D. Altenpohl, 32 pp.

GERMAN, per, Aluminium, Vol XXIX, No 9, Sep 1953, pp 361-370.

S.L.A. Tr 1891

Sci - Engineering, aluminium 47,807
May 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Practical Experiences With Continuous D. C. Casting of Light-Metal Alloys, by K. E. Mann,

per,
GERMAN, Aluminium, Vol XXIX, No 12, 1953, pp
pp 497-508.

S.L.A. 384/1955

23,142 Brutcher Tr No 3463
$13.75

Scientific - Min/Metals Apr ~~May~~ 55; CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Eddy-Current Method for the Non-Destructive Testing of Metals, by F. Forster.

GERMAN, per, Aluminium, Vol XII, 1954, pp 511-516.

AMLIB-GR86

Sci

Aug 59

95,670

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Investigations on the Strength of Glued Light Metal Joints, by P. Brenner, A. Matting.

GERMAN, per, Aluminium, Vol XXX, No 1, 1954, pp 3-9.

CSIRO

Sci - Min/Met

Jun 61

157,806

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Comments on High Conductivity Aluminum Standards, by A. Loeschmann, 11 pp.

GERMAN, per, Aluminium, Vol XXX, Mar 1954, pp 95-98.

SLA Tr 2318

Sci - Minerals/Metals
Oct 57

54-028

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Design of Aluminum High Current Bus Conductors in Electrolytic Plants, by K. Kaisik, 7 pp.

[redacted] German

[redacted], no per, Aluminium, Vol XXX, No 3, Mar 1954, pp 98-100.

S.L.A. No 346/1956

Scientific - Engineering 34, 301
Minerals/metals

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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Magnesium (or Zinc) Determination in Aluminium Alloys by Means of High Vacuum, by P. Urech, R. Sulzberger, 5 pp.

GERMAN, per, Aluminium, Apr 1954, pp 163, 164.

SLA 2440
TP43/T1BT4493
54,036

Sci - Minerals/Metals
Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

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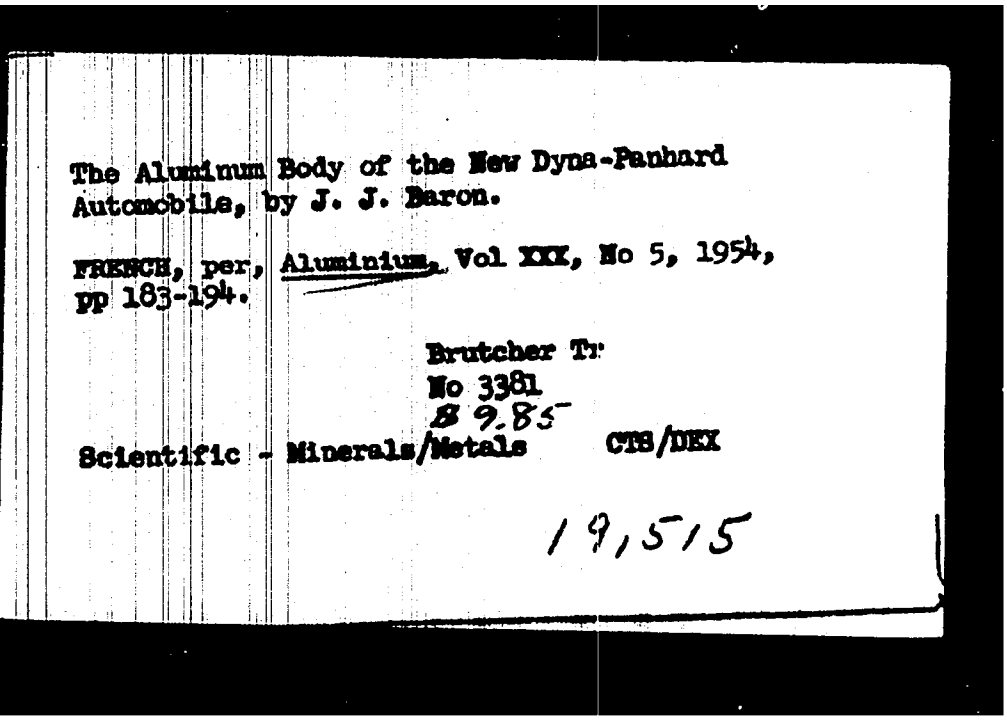

The Aluminum Body of the New Dyna-Panhard Automobile, by J. J. Baron.

FRENCH, per, Aluminium, Vol XXX, No 5, 1954, pp 183-194.

Brutcher Tr
No 3381
$ 9.85

Scientific - Minerals/Metals CTS/DEX

19,515

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Light Metal Tote Boxes, by K. Muschard, 11 pp.

GERMAN, per, Aluminium, Vol XXX, No 5, May 1954, pp 195-199.

SIA Tr 1969

Sci - Eng
Jul 57

50,036

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

On the Liability of Aluminium-Base Materials to Weld Cracking, by A. Muller-Busse. GERMAN, per, Aluminium, Vol 30, No 6, 1954, pp 50-240
GB/326

Sci -
Jul 67 334,539

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

The Adhesion of Paints to Aluminum, by K. Brookman, 14 pp.

HUNGARIAN, no per, Aluminium, Vol XXX, Jul 1954, pp 279-283.

S.L.A. No 296/1956

Scientific - Minerals/metals 34, 330

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9

Low-Frequency Heating of Aluminum Billets, by H. Rohn,

GERMAN, per, Aluminium, Vol XXX, No 7, 1954, pp 298-300.

Brutcher Tr 3478
$6.60

24,647

Scientific - Min/Metals Jun 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900026-9